

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Jean-Marc Roch, *et al.*

Serial No.:

Filed: April 2, 2001

For: HUMAN ENDOSULFINE GENE

Case No.: 6024.US.C1

Date: April 2, 2001

EXPRESS MAIL NO.: EL 507386273 US

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PRELIMINARY MENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Please amend the above-identified application as indicated below.

IN THE CLAIMS

Please CANCEL, WITHOUT PREJUDICE, claims 6, 7, 20-22, and 30-40.

Please AMEND the remaining claims as follows:

1. (amended) An isolated or purified polynucleotide which encodes a human endosulfine and complements thereof.
2. (amended) The polynucleotide of Claim 1 wherein said polynucleotide is SEQ ID NO:1.
3. (amended) The polynucleotide of Claim 1 wherein said polynucleotide is SEQ ID NO:2.

4. (amended) The polynucleotide of Claim 1 wherein said polynucleotide is SEQ ID NO:1 from about nucleotide position 107 to about nucleotide position 460.

5. (amended) The polynucleotide of Claim 1 wherein said polynucleotide is SEQ ID NO:1 from about nucleotide position 107 to about nucleotide position 472.

11. (amended) The recombinant expression vector of Claim 8 wherein the vector portion of said expression vector is selected from the group consisting of pProEx1 and pcDNA3.1.

12. (amended) The recombinant expression vector of Claim 9 wherein the vector portion of said expression vector is selected from the group consisting of pProEx1 and pcDNA3.1.

13. (amended) The recombinant expression vector of Claim 10 wherein the vector portion of said expression vector is selected from the group consisting of pProEx1 and pcDNA3.1.

23. (amended) A method for producing a polypeptide containing at least one human endosulfine epitope comprising incubating host cells transformed with an expression vector wherein said expression vector comprises a nucleotide sequence which encodes a human endosulfine, and producing said polypeptide.

24. (amended) The method of Claim 23 wherein said nucleotide sequence which encodes a human endosulfine has the sequence SEQ ID NO:2 and complements thereof.

Please add the following new claims:

41. (New) The polynucleotide of Claim 1 wherein said polynucleotide encodes the amino acid sequence of SEQ ID NO:3.

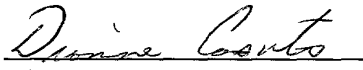
42. (New) The polynucleotide of Claim 1 wherein said polynucleotide encodes the amino acid sequence of SEQ ID NO:4.

Remarks

The present communication is a Preliminary Amendment which accompanies a Request for a Continuation Application, filed pursuant to 37 CFR 1.53(b). Of the originally filed claims 1-40, Applicants have cancelled claims 6, 7, 20-22, and 30-40, without prejudice and amended claims 1-5, 11-13, 23, and 24. Applicants include as a separate document, a copy of the amended claims marked-up to show the changes from previously pending claims. Applicants respectfully submit that the amended claims are fully supported by the specification, as filed.

Applicants also have added new claims 41 and 42. Applicants submit that new Claims 41 and 42 also find support in the specification as well as in original Claims 6 and 7 and therefore, add no new matter. Accordingly, Applicants respectfully request entry of amended claims 1-5, 11-13, 23, and 24 and new claims 41 and 42 into the record.

Respectfully submitted,
Jean-Marc Roch, *et al.*


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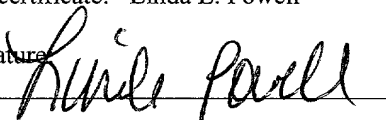
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ATTACHMENT TO PRELIMINARY AMENDMENT OF APRIL 2, 2001
(Version with Markings to Show Changes to Previously Pending Claims)

Assistant Commissioner for Patents

Washington, D.C. 20231

1. (amended) An isolated or purified polynucleotide [**comprising a nucleotide sequence**] which encodes a human endosulfine and [**fragments and compliments**]complements thereof.
2. (amended) The polynucleotide of Claim 1 wherein said [**nucleotide**]polynucleotide is SEQ ID NO:1.
3. (amended) The polynucleotide of Claim 1 wherein said [**nucleotide**]polynucleotide is SEQ ID NO:2.

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4. (amended) The polynucleotide of Claim 1 wherein said **[nucleotide]polynucleotide** is SEQ ID NO:1 from about nucleotide position 107 to about nucleotide position 460.

5. (amended) The polynucleotide of Claim 1 wherein said **[nucleotide]polynucleotide** is SEQ ID NO:1 from about nucleotide position 107 to about nucleotide position 472.

11. (amended) The recombinant expression vector of Claim 8 wherein the vector portion of said expression vector is selected from the group consisting of pProEx1 and pcDNA3.1.

12. (amended) The recombinant expression vector of Claim 9 wherein the vector portion of said expression vector is selected from the group consisting of pProEx1 and pcDNA3.1.

13. (amended) The recombinant expression vector of Claim 10 wherein the vector portion of said expression vector is selected from the group consisting of pProEx1 and pcDNA3.1.

23. (amended) A method for producing a polypeptide containing at least one human endosulfine epitope comprising incubating host cells transformed with an expression vector wherein said expression vector comprises a nucleotide sequence which encodes a human endosulfine, and producing said polypeptide.

24. (amended) The method of Claim 23 wherein said nucleotide sequence which encodes a human endosulfine has the sequence SEQ ID NO:2 **and [fragments and compliments]complements** thereof.